FORM PTO-1449
U.S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 2001DE408 SERTAL NO. 10/085,997

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(37 CFR 1.98(b))

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APPLICANT: Frank-Peter LANG, et al.

FILING DATE: 2/28/02

GROUP:

U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
h_0	AA	3,128,287	4/7/64	Berg			
15	AB'	3, 159, 581	12/1/64	Diehl			
M	AC	3,213,030	10/19/65	Diehl	<u> </u>		
1/0	AD'	3,332,880	7/25/67	Kessler, et al.			
10	AÈ	3,400,148	9/3/68	Quimby, et al.		,	
10	AF	3,422,021	,1/14/69	Roy		<u> </u>	
1.	AG	3,422,137	1/14/69	Quimby			
ND	AH	3,635,830	1/18/72	Lamberti, et al.			
170	AI	3,936,537	2/3/76	Baskerville, Jr., et al.			
10	AJ	3,985,669	10/12/76	Krummel, et al.	ļ		
10	AK	4,374,035	2/15/83	Bossu			
10	AL	4,412,934	11/1/83	Chung, et al.	<u> </u>		
10	AM	4,536,314	8/20/85	Hardy, et al. "	<u> </u>		
M	AN	4,539,130	9/3/85	Thompson, et al.		<u> </u>	
10	AO	4,566,984	1/28/86 #	Bush			<u> </u>
9D	AP	4,605,509	8/12/86.	Corkill, et al.	-		
10:	AQ	4,606,838	8/19/86	Burns	<u> </u>		
10	AR	4,634,551	1/6/87	Burns, et al.			
10	AS	4,663,071	5/5/87	Bush, et al	-	<u> </u>	<u> </u>
NO	AT	4,664,839	5/12/87	Rieck	-		<u> </u>
M	AU	4,671,891	6/9/87	Hartman	<u> </u>	ļ	
10	AV	4,681,592	7/21/87	Hardy, et al.		<u> </u>	<u> </u>
175	AW	4,681,695	7/21/87	Divo .	<u> </u>	ļ	
770	AX	4,686,063	8/11/97	Burns	<u> </u>	 	ļ
.1	AY			<u> </u>	<u> </u>	<u></u>	<u>. L </u>
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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TO PORTO FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION TRANSLATION PUB. DATE COUNTRY DOCUMENT NUMBER English Great Britain 1,082,179 9/6/67 BA English 8/29/90 0 384 070 Europe вв English 12/27/91 Europe BC 0 462 806 English MIDO 97/42287 11/13/97 ВD English 0 811 679 12/10/97 Europe ΒE English WIPO 3/26/98 BF 98/12296 English Europe 0 841 391 5/13/98 BG English 0 854 136 7/22/98 Europe вн English 9/3/98 WIPO. 98/38276 ΒI 1/4/01 WIPO English ВJ 01/00767 ВK BM

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/10 °c	W. Stein, et al., "c-Sulfonated Fatty Acids and Ester: Manufacturing Process, Properties, and Applications", The Journal of the American Oil Chemists Society, 52 (1975), p. 323-329					
CB	U.S. application serial no. 10/085,712, filed 2/28/2002, Lang, et al.					
cc						
EXAMINER	DATE CONSIDERED 4/4/04					
EXAMINER: Initial consider	tation considered. Draw line through citation if not in conformance and not include copy of this form with next communication to applicant.					

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S. LE JOHNNAN	Examiner Initial		Patent Number	Issue Date	Pate	ntee	Class	Subclass	Filing Date If Appropriate
	177	AA	4,166,845	9.'4 '79	Hans	en, et al.	424	78	
	1	AB	6,025,322	2,15,00	Boec	kh, et al.	510	516	
	I N	AC							
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			DCCUMENT NUMBER	PUB. DATE	COUN	TRY			TEANSLATION
	m	BA	WC 98/29530	7 '9 '98	WIPO				English
	1/1	РВ	EP 0 978 556	2 '9.'00	Euro	pe			English
	10	EC	WC 00/56848	9 '28,'00	WIPC	1			English
	110	ED	WC 01/59054	8.16/01	WIPO				English
		ΕE					<u> </u>		
		σ.	THER DOCUMENTS (Including A	uthor,	Title, Date, 1	Place of	Publicatio	·n**)
	10	CA	English abs	stract from	the Eu	ropean Patent	Office :	for JP 0431.	2502, 11/4/1992
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M. R.C.	FILING DATE: 2/28/02	GROUP: 1751

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170	AB	6,008,316	12/28/95	Foster, Jr., et al.	528	229	
·	AC						
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		DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
110	BA	EP 0 341 205	11/8/89	Europe	_		English
10	вв	EP 0 979 861	2/16/00	Europe]		English
175	вс	EP 1 020 513	7/19/00	Europe			English
	BD	-					
	BE				*		

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